

**SYSTEM AND METHOD FOR IMPROVED OBJECT IDENTIFICATION****ABSTRACT OF THE DISCLOSURE**

The present invention is directed to a method for identifying objects within a set of objects, the method comprising the steps of transmitting a signal toward a region of interest, receiving energy reflected from said region of interest, establishing a baseline field strength for said received reflected energy, determining at least one frequency at which said field strength substantially differs from said baseline field strength for said received reflected energy, and identifying at least one object within said region of interest based upon said determined at least one frequency.

5  
10  
15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100